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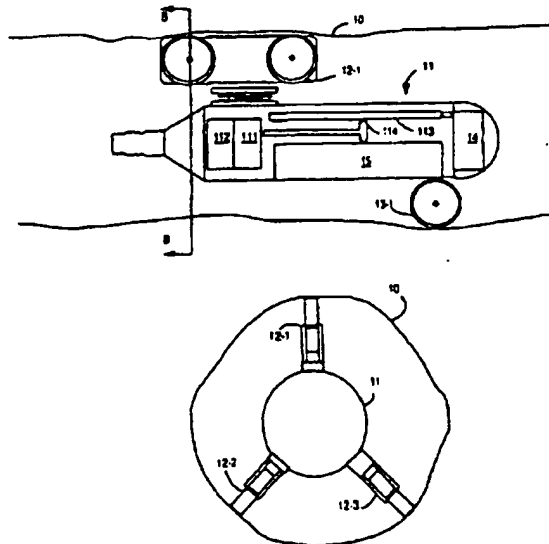
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(54) Abstract Title

**Downhole tool and method**

(57) A downhole tool and apparatus is described for logging and/or remedial operations in a wellbore in a hydrocarbon reservoir. The tool comprises an autonomous unit (1) for measuring downhole conditions, preferably flow conditions. The autonomous unit comprises locomotion means (12) for providing a motion along said wellbore; means (14) for detecting said downhole conditions, and logic means (113) for controlling said unit, said logic means being capable of making decisions based on at least two input parameters. It can be separately attached to a wireline unit (22) connected to the surface or launched from the surface. The connection system (31, 32) between both units can be repeatedly operated under down hole conditions and preferably includes an active component for closing and/or breaking the connection.



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